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Rural District of Warwick

ANNUAL REPORT

OF THE

HEALTH OF THE DISTRICT

FOR THE YEAR 1969

BY

D. LIVINGSTONE, M.B., D.P.H.,

MEDICAL OFFICER OF HEALTH

OF THE

Warwickshire Combined Districts

Leamington Spa

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1970

1, EUSTON SQUARE,

LEAMINGTON SPA.

July 15th, 1970.

**To the Council of the Rural District of
WARWICK**

Mr CHAIRMAN, LADIES AND GENTLEMEN,

I have the honour to present to you my annual report upon the health of your district for 1969. The year has been a satisfactory one in regard to low mortality and morbidity.

A large increase of population took place which owed little or nothing to natural increase so that families are still moving into the area. This has made itself felt in regard to the extra refuse collection from these new households. Moreover an excessive amount of garden refuse is still being placed in bins to say nothing of the refuse put out in various kinds of containers other than a sanitary dustbin. When householders complain of delayed collections, they fail to take account of their own share of responsibility for any shortcomings. The length of the section of the report concerning sewage disposal will show another department affected by the population increases.

The disposal of wastes from the Royal Show Ground has again been effectively carried out. Regrettably the completion of schemes at Norton Lindsey and Hampton-on-the-Hill did not come about during the year as had been hoped.

A tribute was paid in my last report to Mr. E. A. Lyne, who retired on 31st January, 1969 after long and valued service to the Council. The department has also taken leave of Mr. Elkins who had given great help in connection with applications for improvement grants. In conclusion I have to thank sincerely the many members and officers of the Council who have helped me by word or deed during the past year.

I am,

Your obedient servant,

D. LIVINGSTONE,

Medical Officer of Health.

Warwick Rural District.

A. EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

Population (estimated) Mid-year, 1969	...	...	27,300
Area of district	...	...	55,896 acres
Product of penny rate	...	...	£4,456
Total number of permanent dwellinghouses and flats	...	...	8,078
Birth Rate per 1,000 population (Crude)	...	...	15.3
Birth Rate per 1,000 population (Corrected)	...	...	14.2
Still Birth Rate—Rate per 1,000 total births	...	...	7.0
Death Rate per 1,000 population (Crude)	...	...	11.3
Death Rate per 1,000 population (Corrected)	...	...	9.2
Death Rate of Infants under 1 year of age:—			
All Infants per 1,000 live births	...	...	12.0
Legitimate Infants per 1,000 legitimate live births	...	...	13.0
Illegitimate Infants per 1,000 illegitimate live births	...	...	—

Population.—The population rose by 1,820 but the excess of births over deaths was only 112 and immigration was therefore the main cause of the rise.

Details of statistics for the past few years are given in Table II.

B. GENERAL PROVISION OF HEALTH SERVICES IN THE AREA

Medical Officer of Health.

F. D. M. LIVINGSTONE, M.B., B.Chir.,
M.R.C.P., D.P.H.

Deputy Medical Officer of Health.

M. V. RICHARDS, M.B., Ch.B., D.C.H., D.P.H.

Public Health Officers.

Senior Public Health Inspector.

E. ARTHUR LYNE, Cert. Public Health Inspector, Cert. Inspector of Meat and Other Foods. (to 31st January, 1969.)

W. E. QUALTROUGH, Cert. Public Health Inspector. Cert. Inspector of Meat and Other Foods. Cert. Smoke Inspector.

Additional Public Health Inspector:

R. D. HAMMOND, Cert. Public Health Inspector
Cert. Inspector of Meat and Other Foods.

Pupil Public Health Inspector:

B. P. STANDBRIDGE

Clerks:

Mrs. E. C. RAINFORD.

*S. BUCKLEY

*Miss B. GIBBONS WARD.

* (Members of L.H.A. Clerical Staff with part-time allocated to services of Joint Sanitary Committee, M.O.H.'s office).

C. SANITARY CIRCUMSTANCES OF AREA

The Water Board's own Joint Laboratory service allowed regular analyses to be made. Supplies were chlorinated as necessary.

Six houses within your district are supplied by stand-pipes from the supply mains of South Warwickshire Water Board. The 6 houses are inhabited by a total of 20 persons.

Water.—The private source which supplied the village of Offchurch was dispensed with towards the end of the year when the mains were connected to a supply from the South Warwickshire Water Board. This will ensure an adequate and wholesome supply for the village.

Water Samples.—33 water samples were taken from private sources of supply during the year and of these 21 were found to be unsatisfactory. In these cases the owners of the properties concerned were notified and action taken for the provision of a wholesome supply.

Samples of water were also taken from the gallies of aircraft using Baginton airport and 3 unsatisfactory results were reported by the bacteriologist.

The aircraft concerned were usually serviced with supplies at Castle Donnington but a water sample taken there proved satisfactory. In one instance an aircraft had taken on water in Spain and this could have been the cause of contamination.

The airline concerned has given an assurance that the water containers are thoroughly cleansed and sterilised after each flight.

WATER ANALYSIS

Results expressed in parts per 1,000,000

Average Chemical Analysis 1968-69.

From: South Warwickshire Water Board.

<i>Location</i>	<i>Whitnash (Raw)</i>	<i>Leek Wootton (Treated)</i>	<i>Haseley (Chlor.)</i>	<i>Budbrooke (Raw)</i>	<i>Rowington (Chlor.)</i>	<i>Shrewley (Chlor.)</i>
Total Hardness ...	436	274	301	190	135	147
Alkali (as CaCO ₃) ...	250	237	219	122	125	110
Chloride ...	40	22	29	139.5	17	17.5
Fluoride ...	0.21	0.96	0.20	0.09	0.09	0.10
Iron (Fe) ...	0.03	0.14	0.03	0.12	0.04	0.04
Manganese (Mn) ...	Trace	0.02	0.02	0.04	0.02	0.02
Free Ammonia ...	0.05	0.36	0.09	0.41	0.11	—
No. of Samples ..	10	7	6	8	5	10

All results are expressed in parts per million.

The number of houses within the District supplied by the South Warwickshire Board's public mains direct is 7,850. The population served is 24,993.

D. HOUSING

1. The beginning of 1969 saw the demolition of the 12 old houses on the Council's re-development site at Cubbington and work commenced on the erection of 9 three-bedroom houses and 8 one-bedroom flats. These were completed by the end of the year.

The other major housing scheme which started during 1969 was at Bishops Tackbrook where work began in April on the erection of 49 dwellings; 7 of these were completed and occupied by December.

At Beausale a start was made in November to erect 8 one-bedroom maisonettes on the site of the former village school. The development made necessary modifications to the village sewage disposal works which are now in progress.

At Bubbenhall, adjoining the existing Council house site, 10 dwellings are to be erected and work on this scheme will commence early in 1970.

Plans have also been prepared to improve older Council houses at Barford and Bishops Tachbrook. In November a tender was accepted for the modernisation of 13 dwellings in these villages.

In addition to providing housing accommodation itself the Council is sympathetic to all bodies with similar interests. Contact has been made with one Housing Association which is desirous of providing dwellings for the elderly within the area.

Nine houses were demolished in 1969 which had been found to be below the standards of the Housing Act, Five of these were in Clearance Areas and the remainder were subject to Demolition Orders. A closing order was made on one house.

No applications were made for Certificates of Disrepair or for cancellation of Certificates formerly issued.

2. *Overcrowding*.—No overcrowding was found.

3. The following table shows the number of houses built by the Council up to the 31st December, 1969.

	<i>T.</i>	<i>S.</i>	<i>P.</i>	<i>Total</i>
Baddesley Clinton	—	—	24	24
Baginton ...	—	—	44	44
Barford ...	—	—	80	80
Beausale ...	—	2	12	14
Bubbenhall ...	—	—	32	32
Cublington ...	10	—	223	233
Hatton ...	—	—	32	32
Lapworth ...	—	2	66	68
Leek Wootton ...	—	—	24	24
Radford Semele ...	10	4	116	130
Rowington ...	—	—	40	40
Shrewley ...	—	2	14	16
Stoneleigh ...	—	2	36	38
Tachbrook ...	4	—	145	149
Weston-u-Wetherley	—	—	39	39
Whitnash ...	8	—	110	118
Totals ...	32	12	1037	1081

T. Temporary. *S.* Swedish. *P.* Permanent.

4. *Common Lodging Houses*.—There are none within the district.

E. INSPECTION AND SUPERVISION OF FOOD

1.—The County Medical Officer of Health has supplied information concerning routine samples taken for biological

examination and keeping quality as set out in sub-paragraphs (a) and (b).

(a) *Food and Drugs Act 1955, Section 31.*

11 samples of milk taken. All results negative for tubercle bacilli but two samples from one herd were positive to *Brucella abortus*. These were taken during investigation of one earlier positive sample.

(b) *Milk (Special Designation) Regulations.*

<i>Designation of Milk</i>	<i>No. of Samples</i>	<i>Tests Failed</i>		
		<i>Meth. Blue</i>	<i>Phosphatase</i>	<i>Turbidity</i>
Untreated	3	—	—	—
Pasteurised	68	4	—	—
Sterilised	—	—	—	—

2. *Ice Cream*.—One new registration of premises for the sale of ice cream was made during the year.

3. *Meat Inspection*.—The number of animals slaughtered at the one private slaughterhouse in the District has again declined this year. The total was 334 as compared with 514 for 1968; only 6 bovine animals were slaughtered in comparison with 95 for the previous year and the number of pigs was reduced from 128 to 74.

The slaughterhouse is maintained in a good condition, and is inspected annually by an officer from the Ministry of Agriculture, Fisheries and Food.

4. *Poultry Processing Premises*.—There are no such premises within the district.

6. *Unsound Food*.—Several complaints were made during the year concerning food alleged to be unfit and food containing foreign bodies. These involved a carton of Yoghurt containing some extraneous material, a pork pie containing a piece of thread, bread and rolls and pork pies which had mould growth and a dirty milk bottle.

Some of the food was purchased outside of the area and the complaints were followed up by the Authorities concerned. Those dealt with within the District were considered by the Public Health Committee but no formal action taken under the Food and Drugs Act.

MEAT INSPECTION, 1969.

Carcases and Offal inspected and condemned in whole or part

	Cattle Excluding Cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed	6		Nil	244	74	Nil
Number inspected	6		Nil	244	74	Nil
<i>All diseases except Tuberculosis and Cysticerci:</i> Whole carcasses condemned	Nil	Nil	Nil	Nil	Nil	Nil
Carcases of which some part or organ was condemned	Nil	Nil	Nil	5	—	Nil
Percentage of the number inspected affected with disease other than Tuberculosis or Cysticerci	Nil	Nil	Nil	2.0%	Nil	Nil
<i>Tuberculosis only:</i> Whole carcasses condemned	Nil	Nil	Nil	Nil	Nil	Nil
Carcases of which some part or organ was condemned	Nil	Nil	Nil	Nil	1	Nil
Percentage of number inspected affected by Tuberculosis	Nil	Nil	Nil	Nil	1.3%	Nil
<i>Cysticercosis:</i> Carcases of which some part or organ was condemned	Nil	Nil	Nil	Nil	Nil	Nil
Carcases submitted to treatment by refrigeration	Nil	Nil	Nil	Nil	Nil	Nil
Generalised and totally condemned	Nil	Nil	Nil	Nil	Nil	Nil

F. PREVALENCE OF, AND CONTROL OVER, INFECTIOUS DISEASE

Incidence of Major Infectious Diseases since 1961

		Dysentery	Food Poisoning	Scarlet Fever	Poliomyelitis	Whooping Cough
1962	...	16	5	5	—	3
1963	...	57	21	16	—	11
1964	...	13	20	6	—	9
1965	...	30	2	5	—	1
1966	...	24	5	1	—	23
1967	...	14	—	10	—	1
1968	...	2	—	6	—	16
1969	...	6	—	5	—	3

Reference to Table III will give the age distribution of the cases notified during 1969.

Apart from measles there was no prevalence of a single disease. Mass vaccination is now available for measles as well as whooping cough but production problems caused little vaccine to be available for the 1969 campaign which had been intended.

TUBERCULOSIS

This year there were 6 new notifications and 1 death.

The following table shows the past incidence of Tuberculosis in the Warwick Rural District :—

		1950	1951	1952	1953	1954	1955	1956
Cases	...	26	28	28	30	33	46	55
Deaths	...	2	3	1	5	7	5	7
		1957	1958	1959	1960	1961	1962	1963
Cases	...	25	22	26	20	14	9	11
Deaths	...	5	1	1	2	1	1	4
		1964	1965	1966	1967	1968	1969	
Cases	...	11	5	3	6	5	6	
Deaths	...	—	—	2	3	1	1	

Age Periods	New cases				Transfers into District				Deaths			
	Pul- monary		Non- Pul.		Pul- monary		Non- Pul.		Pul- monary		Non- Pul.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
0	—	—	—	—	—	—	—	—	—	—	—	—
1-5	—	—	—	—	—	—	—	—	—	—	—	—
5-10	—	—	—	—	—	—	—	—	—	—	—	—
10-15	1	—	—	—	—	—	—	—	—	—	—	—
15-20	—	—	—	—	—	—	—	—	—	—	—	—
20-25	—	—	—	—	—	—	—	—	—	—	—	—
25-35	—	—	—	—	2	—	—	—	—	—	—	—
35-45	—	—	—	—	1	1	—	—	—	—	—	—
45-55	2	—	—	—	—	—	—	—	—	—	—	—
55-65	1	—	1	1	—	—	—	—	—	—	—	—
65 & upwards	—	—	—	—	1	—	—	—	—	—	1	—
	4	—	1	1	4	1	—	—	—	—	1	—

B.C.G. vaccine may be given to:—

(i) *School Leavers.*

Children in their 13th year are offered vaccination if negative reactors to a skin test (Heaf test).

(ii) *Special risk workers.*

e.g. medical students, hospital nurses, etc.

(iii) *Infant contacts of known patients.*

The local health authority includes the figures for rural district residents inoculated within the central area total. Work done at High or Grammar Schools within your district was as follows:—

(A)	Skin Tests (Heaf)	...	...	415
(B)	Number positive	...	...	48
(C)	Negative reactors vaccinated			
	B.C.G.	...	...	348
(D)	Absent for reading of test	...		19
(E)	Further investigation of chest	...		12

Of the children showing positive reactions it was thought advisable for 12 to have chest X-rays. All reports showed no active infection to be present.

APPENDIX FOR 1968

FACTORIES ACT, 1961

Prescribed Particulars on the Administration of the Factories Act, 1961

Part I of the Act

1.—INSPECTIONS for purposes of provisions as to health (including inspections made by Public Health Inspectors).

Premises (1)	Number on Register (2)	Number of		
		Inspections (3)	Written notices (4)	Occupiers prosecuted (5)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	Nil	Nil	Nil	Nil
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	40	41	2	Nil
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	6	3	Nil	Nil
Total	46	44	2	—

2.—Cases in which DEFECTS were found.

Particulars (1)	Number of cases in which defects were found				Number of cases in which prosecutions were instituted (6)
	Found (2)	Remedied (3)	To H.M. Inspector (4)	Referred By H.M. Inspector (5)	
Want of cleanliness (S.1)	—	—	—	—	—
Overcrowding (S.2)	—	—	—	—	—
Unreasonable temperature (S.3)	—	—	—	—	—
Inadequate ventilation (S.4)	—	—	—	—	—
Ineffective drainage of floors (S.6)	—	—	—	—	—
Sanitary Conveniences (S.7):					
(a) Insufficient	—	—	—	—	—
(b) Unsuitable or defective	5	1	—	—	—
(c) Not separate for sexes	—	—	—	—	—
Other offences against the Act (not including offences relating to Outwork)	—	—	—	—	—
Total	5	1	—	—	—

Part VIII of the Act
Outwork
(Sections 133 and 134)

NIL Return.

NATIONAL ASSISTANCE ACTS, 1948 AND 1951

Section 47 of the 1948 Act provides that where persons—

- (a) are suffering from grave chronic disease or, being aged, infirm or physically incapacitated are living in insanitary conditions and
- (b) are unable to devote to themselves, and are not receiving from other persons, proper care and attention, and the Medical Officer of Health gives a written certificate in the prescribed form, the local authority may apply to a court, having jurisdiction, for an order to remove the person to a suitable and convenient place e.g. hospital. Seven days clear notice must be given of the intended application to the person concerned and also to the person managing the premises or institution. An order, if granted, may authorise a person's detention for a period not exceeding three months in the place specified therein and is in certain circumstances renewable.

The 1951 Amendment Act provides for emergency applications to a magistrate upon a joint certificate of two doctors and detention limited to 21 days.

Case 1. Mr. E.— F.—(89).

This man was a tenant of Leamington Corporation and lived alone in a flat at Whitnash. His doctor became alarmed by his increasing weakness and arranged for his admission to Warwick Hospital. When the ambulance called on 4th March to remove him there, he refused to go. His doctor thereupon summoned your Deputy M.O.H. and a joint medical certificate was issued as provided by Section 1 of the 1951 Amendment Act for emergency action. The patient was removed that same evening to hospital but failed to rally and died there on 7th March, 1969.

**REPORT OF THE SENIOR PUBLIC HEALTH
INSPECTOR**

To the Council of the Rural District of Warwick

MR. CHAIRMAN, LADIES AND GENTLEMEN

It is my pleasure to submit the Annual Report for 1969.

The start of the year coincided with the retirement of Mr. E. A. Lyne, Engineer, Surveyor and Senior Public Health

Inspector who had been with the Council since 1935. Tribute was paid to his many years of devoted service on the occasion of the presentation to him of gifts from the Staff and Council on the 31st January. The staff is very conscious of the loss of a valued and esteemed colleague and wish him well in his retirement.

Mr. Elkins, who had been responsible for Improvement Grants also retired during the year. His departure occurred at the same time as the new Housing Act came into force which increased greatly the maximum sum permitted for grant purposes. As a consequence the rate of applications increased considerably which placed quite a strain on the work of the Department.

In order to provide an all embracing report on the work of the Council in the environmental health field, it is necessary to include information relating to sewerage, refuse collection etc. and this has been supplied by the Surveyor to whom I am indebted.

May I also express my thanks to the Medical Officer of Health for his support and assistance at all times and likewise to the other Chief Officers of the Council.

I remain,

Yours faithfully,

W. E. QUALTROUGH,

Senior Public Health Inspector.

PUBLIC CLEANSING AND TRANSPORT

Refuse Collection and Disposal.

The number of premises from which refuse is collected continued to increase as a result of housing development, and at the end of the year was 8,861, nearly 300 more than at the end of 1968.

A regular weekly collection was substantially maintained on all five collection routes. One route presented particular difficulty at holiday times and periods of severe weather, but in general a weekly collection should remain possible with the present five-route system, with some room for further expansion in the number of premises.

One of the "fore and aft" tipping freighters was replaced during the year. An increasing difficulty in obtaining vehicle spares is, however, heightening the hazard to the regular operational efficiency of the vehicle fleet.

The greatest obstacle to efficiency of collection continues to be the vast amount of combustible refuse placed both in the dustbins and in separate accumulations. In the newly built village of Hampton Magna the rule that all refuse must be contained in dustbins or other suitable containers has had to be strictly enforced because of accumulations of cardboard etc. regularly deposited by householders in addition to their bins, resulting in marked delay in collection.

The Council resolved to effect special collections of bulky refuse free of charge thus improving the facility for disposing of such items and ensuring maximum compliance with the provisions of the Civic Amenities Act.

Tipping continued in a privately-owned quarry at Barford, while negotiations proceeded for the acquisition of a new permanent tipping site.

The estimated weight of refuse disposed of during the year was 9,372 tons.

Transport.

The following vehicles are owned by the Council:—

Refuse Collection: "Pakamatic"	2
Other Rear Loaders	4 (3 operational, 1 standby)
Cesspool Emptiers	2
Tractors (Light)	1
Tractors (Medium)	1
Land Rovers	4
Vans	2
Lorry (open)	1
Cars	1

Rodent Control.

205 Contracts for the destruction of rodents on agricultural land and premises were in force at the end of the year, to the total value of £2,724.

In addition to this work the Council's two rodent operators dealt with all reported infestations of rats or mice at private dwellinghouses, business premises and Council-owned properties.

A sewer treatment carried out in 12 Parishes involving the baiting of 43 manholes revealed very little rat infestation, "takes" being recorded at only 2 points.

SEWERAGE AND SEWAGE DISPOSAL

1. GENERAL

The main problem in foul drainage for the District this year is the disappointing state of completion of the Norton Lindsey, Wolverton and Hampton-on-the-Hill Sewerage Scheme, Contract No. 17.

The 18 months contract was nominally due for completion in mid-1969 but the end of the year shows no real signs of a firm date being able to be given for completion.

Otherwise throughout the District a number of minor advances have been made administered partly by the Council's Consultants and partly directly by the Surveyor's Department.

2. The Council's Consultants—Messrs. J. D. & D. M. Watson, M.M.I.C.E. have dealt with the following issues:—

(a) *The Baddesley Clinton and Chadwick End Sewerage Scheme.*

The minor defects on this scheme have not yet been completed in the field and there has been difficulty in getting the main contractor to continue.

The final account is consequently not yet ready but the Scheme as a whole is operating.

(b) *The Norton Lindsey Sewerage and Sewage Disposal Scheme.*

The scheme which forms a part of Contract No. 17 involves operations in the parishes of Norton Lindsey and in the Stratford R.D.C. parish of Wolverton.

The general situation is complicated and completion is long overdue. A number of portions of sewer have been relaid.

None of the following items is yet complete:—

The Village Sewers and lateral connections.

The Norton Lindsey Disposal Works with its pumping station.

The Wolverton Pumping Station.

(c) *Hampton-on-the-Hill Sewerage & Sewage Disposal.*

The general situation has been affected by relaying of sewers.

None of the following items is complete:—

The Village sewers and connections.

The Budbrooke Sewage Disposal Works Modifications.

The Hampton-on-the-Hill Sewage Pumping Station.

(d) *The Eastern Area Sewerage Scheme.*

The scheme allows for foul sewage to be collected, from the villages of Eathorpe, Wappenbury, Offchurch, Hunningham and Weston-under-Wetherley, and pumped to the site of the existing Hospital Works at Weston-under-Wetherley, which would be enlarged. A certain amount of design work has been done but no serious advance can be reported

3. The Surveyor has been responsible for the carrying out of the following works by Departmental staff:—

(i) *Baginton.*

The dis-connection of certain foul sewers in Baginton from the Baginton Oak Ejector Station, and their connection to flow by gravity to the Coventry Corporation Disposal Works at Finham via the new Corporation Trunk Sewer, was achieved during the year by Contractors operating for the Corporation.

The Baginton Ejector Station has therefore become redundant and the machinery will be dismantled.

(ii) *Whitnash Surface Water Sewer.*

The 21in. diameter surface water sewer with its eight manholes and extending from a point near the Plough and Harrow, Whitnash to a point some 338 yards distant to outfall to the watercourse on the south side of the allotments, was commenced in mid-1969 and became operative on 24th November, 1969.

Remnants of the old 12in. approx. village culvert have been connected into the new 21in. diameter concrete pipeline at the downstream ends of the three separate abandoned sections into which the culvert has been divided.

The new sewer has already helped to eliminate local flooding.

(iii) *Haseley Knob & Beausale Sewerage Scheme.*

The sewerage scheme, designed to serve 34 properties in Beausale, 28 in Haseley Knob and also to allow of the connection of some properties from Wroxall, has not been proceeded with during the year. Modifications to the existing Beausale Housing sewage disposal works have been proposed in order to drain a further eight Council properties to be erected in Beausale.

The modifications include the disconnection of roof water pipes from the existing sewer serving the Council Houses Nos. 1 to 14 inclusive, Heath Terrace Beausale and also the

construction of a pair of new septic tanks to be connected in series with the existing tank, a pumping station with submersible pump to lift settled sewage to an additional depth of media placed on the existing bacteriological bed, additional humus tank capacity and new fencing and water supply. The work was commenced in November, 1969 and by the end of the year the separation of the roof water was proceeding satisfactorily with benefit to the disposal works thereby. The four months contract should be complete in March, 1970.

(iv) *Shrewley Sewage Disposal Works.*

Construction of the upward flow tile clarifier at the Shrewley Disposal Works commenced during the year and one of the two beds was put into commission on the 28th June.

Tiles for the second bed were not available at the time and a small amount of work remains to be done. In the meantime the second bed has been acting as an additional horizontal flow humus tank.

The part-time attendant at the Disposal Works has had no problems with the desludging process as designed.

No series of samples has yet been taken through the installation to test its performance.

(v) *Cubbington Foul Sewerage—Infiltration Survey.*

A survey to find causes of the major infiltration of surface water into the Cubbington sewers was carried out during the year.

This resulted in the discovery that a land drain was connected into a foul sewer manhole near the brook crossing New Street, Cubbington.

The owners of the adjoining site have been asked to disconnect this drain at the same time as development occurs on this site. Arising from the survey a number of defective manholes were observed and repaired.

(vi) *Bubbenhall Sewage Disposal Works.*

The minor works, such as guard rails, pump sump ladder, erection of access road gate etc. necessary to finish this Civil Engineering Scheme have been completed.

The estimated cost of the work was £397.

(vii) *Lapworth and Rowington Sewerage and Sewage Disposal.*

The additional works over and above formal contract No. 14 for this Sewerage and Sewage Disposal Scheme have been put in hand and by the end of the year handrailing, gravel drains and several other minor features have been completed within the Sewage Disposal Works.

Access road and water supply works at the pumping stations at Rising Lane Lapworth and at Kingswood, Lapworth have yet to be completed but will be taken up in the new year.

(viii) In respect of the following schemes, which have from time to time been considered, there has been no advance during the year.

(a) *The Whitnash and Bishops Tachbrook Sewerage Scheme.*

The private pumping station, adjacent to the Railway off Golf Lane, delivers foul sewage from a development of some 208 houses to this Council's Home Farm Crescent Sewage Pumping Station. It was dealing with 22 properties last year and is now catering for 83 properties.

Proposed development at Bishops Tachbrook has given rise to plans for the construction of a sewage disposal plant to outfall to the Tach Brook at a point quite close to this Council's sewage pumping station for the village. The number of properties catered for by the Tachbrook foul sewage pumping station rose from 385 properties last year to a current figure of 414.

The scheme was the subject of an Enquiry by the Minister in December, 1967 but is still in abeyance.

(b) *Wasperton.*

The village scheme which formed the subject of a Ministry Inquiry in December, 1967 has not been promoted.

(c) *Old Milverton & Blackdown Sewerage Scheme.*

The scheme reported in detail in 1967 has not been pursued. Possibly proposed private sewage disposal facilities may be able to be incorporated in a modified scheme to serve properties north of Hazell House.

(d) *Haseley Knob and Beausale Sewerage Scheme.*

This scheme was proposed to deal with 34 properties in Beausale, 28 in Haseley Knob and give facilities for the connection of some properties from Wroxall but has been shelved temporarily. However, the District Council's private housing disposal works at Beausale have been so modified as to permit inclusion in a sewerage scheme for the villages.

(e) *Lowsonford R.D.C. Housing—Sewage Disposal Works.*

No progress has been made in modifying this Disposal Works.

4. (a) **Adoption by the Council of Privately Constructed Foul Sewers.**

The following foul sewers have been adopted:—

(i) The sewers of the Montgomery Estate Whitnash in the highway at Summerton Road, Mollington Road and part of Landor Road.

(ii) Some 34 yards of 6 inch sewer at Dugard Place leading down to the private foul sewage pumping station described in 4 (b) and 45 yards of 6 inch sewer with two manholes in Wellesbourne Road to which the pumping station discharges.

Adoption of the sewer serving North Close Cubbington could not be recommended due in part to the proximity of buildings and the difficulty of maintenance.

(b) **Adoption by the Council of Foul Sewage Pumping Stations.**

The private foul sewage pumping station at Dugard Place Barford, together with 293 yards of 4 inch pumping main towards the public foul sewer in Wellesbourne Road was adopted in June, 1969. The station serves some 42 private properties and the toilet facilities at an adjoining telephone repeater site.

5. **Construction of Private Sewers.**

Construction of private sewers at the main areas of development within the district at Hampton Magna and Golf Lane, Whitnash, has proceeded during the year.

6. Rural District Council Sewage Disposal Works.

(a) The number of septic tank type sewage disposal installations serving R.D.C. properties is as follows:—

Site	No. of properties served		Future of the Disposal Works	No. of sludge emptyings during the year
	R.D.C.	Private		
Beausale Heath Terrace	14 (+8)	1	Being modified to cater for eight new R.D.C. housing units.	Six
Lowsonford	12	—	Proposals to pump to Lapworth S.D. Works have been considered.	Five

(b) The list of public village sewage disposal works still remains as last year, thus:—

Location of Sewage Disposal Works	Includes Works P.S.	Designed for Duplication	Designed for ultimate population of
Bubbenhall	Yes	No	500
Leek Wootton	Yes	No	1,300
Lapworth & Rowington	Yes	Yes	3,400
Shrewley & Hatton	Yes	No	1,500
Old Milverton	No	Yes	98
Budbrooke	Yes (Drainings)	Can be redesigned	Being modified under Contract No.17

7. No Council owned sewage disposal installations became redundant this year.

8. (a) The number of foul sewage pumping stations on the line of sewers remain static due to Baginton Oak Ejector Station having become redundant during the year, but the privately constructed Dugard Place, Barford, pumping station was adopted by the Council.

<i>Location</i>	<i>Type of Sump</i>	<i>Pump(s) (All for raw sewage)</i>	<i>Date of installation of pumps</i>
Burton Green (Cromwell Lane)	Wet	Tuke and Bell Barrington (2)	1962
Bishops Tachbrook	Dry	Wallwin Vertical Spindle (2)	1965/6
Baginton Mill	Wet	Flygt (1)	1969
Barford Bridge	Wet	Gwynnes Horizontal (1) Wallwin (1)	1952 1969
Barford (Sandy Way)	Wet	Tuke and Bell Barrington (1)	1964
Barford (Dugard Place)	Dry	Wallwin (2) on Sewpac unit	1963
Crackley Crescent	Dry	Wallwin Vertical Spindle (1)	1964
Cubbington (Leicester Lane)	Dry	Wallwin Vertical Spindle (2)	1957
Cubbington (Offchurch Road)	Dry	Wallwin Vertical Spindle (2)	1958
Hatton (Station Rd)	Wet	Flygt (1)	1967
Lapworth (Kingswood)	Dry	Mono Vertical Spindle (2)	1964/5
Lapworth (Rising Lane)	Dry	Mono Vertical Spindle	1964/5
Baddesley Clinton Netherwood Heath Farm	Wet	Flygt (2)	1967
Radford Church	Wet	Lee Howl Vertical Spindle (2)	1955
Radford (Valley)	Wet	Wallwin Suspended (2)	1962
Stoneleigh	Wet	Wallwin Suspended (1) Horizontal (1)	1962 1968
Sherbourne	Wet	Wallwin Suspended (1)	1964
Whitnash (Home Farm Crescent)	Dry	Wallwin Vertical Spindle (2)	1959

A pumping station being constructed at Hampton-on-the-Hill under a current Civil Engineering Contract to serve part of the village is not yet operative.

(b) Foul sewage pumping stations forming part of sewage disposal apparatus exist at the following Works:—

<i>S.D. Works</i>	<i>Type of Sump and Purpose</i>	<i>Pump</i>	<i>Date of Installation</i>
Bubbenhall	Wet/Dry Raw Sewage	Wallwin Vertical Spindle (2)	1965/6
Leek Wootton	Wet (Raw sewage)	Wallwin Horizontal with Primer (1)	1965
Lapworth & Rowington	Wet/Dry Raw Sewage (Sludge) (Water Supply)	Mono Vertical Spindle (2) Whitehead & Paul (1) Submersible (1) Worthington & Simpson	1964/5 1964/5 1964/5
Shrewley & Hatton	Wet Raw Sewage	Flygt (2)	1965
Budbrooke	Wet Drainings Water only	Flygt (1)	1966/7

The Norton Lindsey Sewage Disposal Works pumping station is not yet complete.

9. The following movements of sewage across administrative boundaries occur:—

(a) *Sewage* is pumped by R.D.C. plant to other Authorities for processing, from the following areas:—

<i>Parish</i>	<i>No. of Properties.</i>	<i>To</i>
Barford	275	Warwick Corporation
Sherbourne	40	Warwick Corporation
Crackley	16	Kenilworth U.D.C.
Cubbington	1389	Leamington Corporation
Radford Semele	539	Leamington Corporation
Bishops Tachbrook	414	Leamington Corporation
Old Milverton	16	Leamington Corporation
Whitnash	1851	Leamington Corporation
Baginton	202	Coventry Corporation
Burton Green	103	Coventry Corporation
Stoneleigh	84	Coventry Corporation
Lapworth & Baddesley Clinton	49	Upper Tame Main Drainage Authority
4978 properties		

This is an increase of 166 over last year.

- (b) *Sewage from other Districts* pumped by Warwick R.D.C. plant, is processed as below:—

<i>From</i>	<i>No. of Properties.</i>	<i>To</i>
Meriden R.D.C.	79	Coventry Corporation
Meriden R.D.C.	59	Warwick R.D.C. Rowington S.D. Works
<i>Total</i>		138

The total shows no variation from last year.

9. (c) From Weston-under-Wetherley, sewage from 40 Warwick R.D.C. properties continues to gravitate to and be processed at the Weston Hospital Board's S.D. Works at Weston-under-Wetherley.

10. *Foul Sewage Pumping Stations rendered redundant* or transferred to other Authorities this year. One station was rendered redundant at Baginton Oak.

11. *Surface Water Pumping Stations.*

The only station of this type in the District is at the site of the re-development of the 1919 houses at Cubbington. The station is working but has not yet been taken from over the builders.

12. *Private Sewage Pumping Stations (other than those for one property).*

(i) *Golf Lane, Whitnash.*

The sewage pumping station capable of dealing initially with some 208 private properties and located some 500 yards to the south of the Council's Home Farm Crescent sewage pumping station, to which foul sewage is pumped along a 5 inch diameter rising main, is operating.

83 houses are connected with 14 still incomplete and development of the estate is still proceeding. Overloading on the public sewers at the Plough Inn, Whitnash caused by discharges from the private pumping station via this Council's Home Farm Crescent sewage pumping station therefore continues to increase.

The Council's Whitnash and Bishops Tachbrook Comprehensive Sewerage Scheme was initiated to deal, *inter alia*, with this problem.

- (ii) A private sewage pumping station at Red House Site Barford, catering for six properties is working and discharging to the public sewers.
- (iii) The private pumping station at Dugard Place, Barford dealing with 42 domestic properties and one Telephone Repeater site was adopted by the Council during the year.
- (iv) A private foul sewage pumping station being part of a private disposal unit caters for six houses at Wroxall.
- (v) At the Royal Agricultural Society Show site at Stoneleigh Park, three private pumping stations are still operating throughout the year, but particularly at Show times. One station is located at the south-western corner of the site and a second at the south-eastern corner. Both pump northwards to discharge at a holding lagoon and the third pumping station is situated at the northern extremity of the Show site, adjacent to the lagoon. At times of low flow towards the lagoon the discharge is confined in an approach tank and thence repumped by the third pumping station along a 4in. diameter rising main to this Council's Village Sewage Pumping Station at Stoneleigh and thence to the Finham Sewage Disposal Works of the Coventry Corporation. At Show times the sewage is allowed to occupy the lagoon and this evens out the difference in pumping rates between the pumps on the Showground and at lagoon pumping station. Duplicate Flygt pumps were installed at the lagoon pumping station, where previously only one pump was fitted.

13. The private foul sewage pumping station and the disposal works to which it pumps at Hatton Hospital are still in being. The installations are maintained by the Hospital.

14. Pumping Station Amenities.

(a) *Rising Lane Sewage Pumping Station.* — The provision of the proposed hot water washing installation for personnel has not yet been completed and in fact a number of other items are to be carried out at the Station chargeable to the Lapworth and Rowington Sewerage Scheme. These will be completed early in 1970.

(b) A telephone subscriber call overflow alarm system is now in operation at 22 of the 23 foul sewage pumping stations noted in paragraphs 8 (a) and 8 (b).

The exception is at Dugard Place, Barford Sewage Pumping Station. The service is also used for normal calls to Head Office by sewer maintenance men.

15. Principal repairs carried out to Pumping Stations and Sewage Disposal Works are as follows:—

(a) *Pumping Stations.*

Barford Bridge	Renew floats etc.	£29	8	6
Barford Sandy Way	Electrical Check	£26	17	0
Cubbington	Repair 4in. pump and starter	£95	1	7
	Repair access road	£22	10	0
Radford Semele (Valley)	Replace valves	£21	10	0
Stoneleigh	Rewire motor—May	£32	14	10
	Rewire motor—July	£32	12	6
Bishops Tachbrook	Strip pump and reassemble	£29	16	3
Radford Semele (Church)	Repair Road	£73	15	0
Portable Flygt Pump	Repair starter	£23	14	1

(b) There have been no extensive repairs necessary at Sewage Disposal Works but supplies of Sludge Drying Bed media have been purchased for Works at Lapworth and Rowington, Leek Wootton, Shrewley and Hatton.

(c) The digging out of sludge beds was carried out by a small contracting firm and the following expenses incurred:—

Lapworth and Rowington S.D. Works	£162	3	3
Leek Wootton	£75	11	2
Hatton & Shrewley	£55	2	5

16. **Repairs to Sewers.**

The total cost of repairing or unblocking sewers throughout the District during the year was £675 3s. 11d.

The Blockages were experienced at:—

<i>Parish of</i>	<i>Instances</i>
Whitnash	15
Cubbington	10
Leek Wootton	6
Barford	6
Lapworth	5
Baginton	4
Stoneleigh	2
Radford Semele	3
Hampton Magna	2
Sherbourne	1
Budbrooke	1
Weston-under-Wetherley	1
Bishops Tachbrook	1
Total	57

17. Drainage Works Carried out During the Year with the Aid of Grants were as follows:—

**HOUSING (FINANCIAL PROVISIONS) ACT, 1958
HOUSE PURCHASE & HOUSING ACT, 1959**

<i>Parish</i>	<i>Discretionary Grants</i>			<i>Standard Grants</i>		
	<i>Connection to sewer</i>	<i>Septic tanks</i>	<i>Cess-pools</i>	<i>Connection to sewer</i>	<i>Septic tanks</i>	<i>Cess-pools</i>
Barford	1					
Cubbington		1				
Haseley			1			
Honiley						1
Lapworth	1	1	1			
Old Milverton	1	1				
Radford Semele		1				
Stoneleigh	1	1				
TOTALS	4	5	2	—	—	1

Note:—In cases where a number of houses are dealt with by one septic tank or one connection to a sewer, only one septic tank or connection to a sewer is included in the above figures.

Soil drains connected to an existing drain discharging into a public sewer are not included.

18. Septic Tank and Cesspool Emptying Services.

Appendix "A" shows the magnitude of the Council's cesspool and septic tank emptying service and it can be seen that there has been an increase of 16 visits over the previous year.

An *increase* in the number of emptyings for the year occurs in 14 parishes of which the following are noteworthy:

Budbrooke — an increase of 17 visits

Rowington — „ „ „ 15 visits

Weston-under-

Wetherley—„ „ „ 11 visits

A *decrease* has occurred in 15 parishes among them being:

Haseley — a decrease of 21 visits

Hatton — „ „ „ 9 visits

Neither of these decreases is due to the construction in the area of public sewers during the year.

Of the total of 938 visits, which in fact involved the removal of 1,367 loads of sludge, 855 visits (1,246 loads) were purely domestic in character and charged at a rate of £1 per load (or part thereof).

The residue of the work was in the form of the removal of trade material or from domestic premises situated close to existing public sewers and which could be connected thereto. In the case of these premises, as with the minor number of emptyings from outside the Rural District, cost of the service was at full economic rate.

It bears mentioning that the hours worked per cesspool emptied averages at 2.10 hours while the average time to remove one load was 1.29 hours.

19. Night Soil Pail Collection—See Appendix "A".

(a) The Council's record of collection of night soil pails as set out in detail on Appendix "A" shows a significant drop in number from 249 per week in 1968 to 189 in the current year. This is due to the collection of pails outside the District having been discontinued. Some slight drop from 32 to 26 per week has occurred in Lapworth.

(b) No collection is made in six parishes of the District.

(c) A private collection from private properties occurs in the parish of Stoneleigh.

Housing

(1) Improvement Grants

	<i>Standard Grants</i>	<i>Discretionary Grants</i>
No. of applications received ...	17	32
No. of properties involved ...	17	40
No. of claims granted ...	8	22
No. of properties involved ...	8	30
No. of applications withdrawn	5	2

As was anticipated, the coming into operation of the Housing Act, 1969 gave a new impetus to Improvement Grant work, and was reflected in the number of applications received—24 in the first 9 months and 25 in the last quarter when the Act had come into force. By the end of the year, Grant work was claiming a major proportion of one's time to the exclusion of other equally important public health work.

No approval has yet been given for the Eastern Area Sewerage Scheme and this means that owners of some properties in the villages concerned cannot take advantage of the house improvement grants which the Government is urging owners to take advantage of. It is not possible for practical reasons to install septic tanks or cesspools at these premises and they can only be modernised when the sewer becomes available.

(2) New Houses provided by Rural District Council

Erection of new houses continued in 1969. The re-development of the site of the 1919 houses in Rugby Road Cubbington was completed, making a total of 30 dwellings (13 of which were completed in 1968).

At Bishops Tachbrook, a scheme for 39 houses and 10—1 bedroom bungalows is under construction and to date 7 dwellings have been completed.

Completion date for the scheme is the end of June, 1970.

At Beausale 8 maisonettes in 2 blocks of 4 are being erected on the old school site, and completion expected by the end of November, 1970.

(3) New Houses—Private Development

A total of 266 dwellings was constructed.

(4) Improvements to Council Houses

A scheme was prepared for the improvement of 11 houses at Barford and 2 at Bishops Tachbrook. It is anticipated that work on these properties will commence in 1970.

Improvements have been carried out to 24 existing dwellings in Hall's Close, Whitnash. Several houses have since been affected by condensation and certain remedial works have been carried out in an effort to combat this.

(5) Demolition.

9 houses were demolished during the year following action under Parts II and III of the Housing Act, 1957.

The following table shows the present position with regards action taken under the Housing Acts.

<i>Class (see footnote)</i>	A		B		C		D		E	
Year	1968	1969	1968	1969	1968	1969	1968	1969	1968	1969
Outstanding at beginning of year ...	25	20	23	12	20	21	3	2	8	8
Made subjects to orders or undertakings during the year ...	—	—	2	1	1	1	1	—	—	—
Demolished during the year ...	5	5	9	4	—	—	—	—	—	—
Made fit during the year ...	—	—	3	—	—	—	2	—	—	—
Orders Revoked ...	—	—	1	—	—	—	2	—	—	—
Outstanding at end of year ...	20	15	12	8	21	22	2	2	8	8

- A. Under Clearance Orders.
C. Under Closing Orders.
E. Under Undertakings not to use for human habitation until made fit.
- B. Under Demolition Orders.
D. Under Undertakings to make fit.

Infectious Diseases

Fortunately cases of infectious diseases are not numerous though a total of 96 visits were made in 1969 to premises in connection with such cases. A number of visits were made to contacts of typhoid fever contacts who had been holidaying abroad. This emphasises the necessity for persons taking holidays in the Mediterranean area to be adequately protected by inoculation before departure.

Infective Hepatitis is now notifiable throughout the Country and 4 cases were investigated during the year.

Nuisances

In a rural area, some parts of which lack main drainage, it is inevitable that complaints will be associated with drainage and those activities connected with an agricultural community and this has been the pattern in 1969.

The discharge of liquid manure on to land gives rise to most offensive odours and where this occurs in close proximity to dwellings, complaints will certainly be made. Several such cases were dealt with during the year.

Other nuisances were concerned with overflowing cess-pools, dust, noise, offensive odours and insect infestations.

Factories

Routine inspections of the 40 factories in the area revealed that the standard of sanitary accommodation was good.

2 notices were served for contraventions of the Act or Regulations and 41 inspections were made.

Animal Boarding Establishments

No new establishments were brought into use during the year though one increased its accommodation for animals.

Inspections reveal that the standard of accommodation remains good and no cases of overcrowding or other contraventions of licence conditions have been found.

The six licenced premises within the District have accommodation for 140 dogs and 56 cats.

Petroleum (Regulation) Acts—1928 and 1936

One new licence was issued during the year for the keeping of 600 gallons of petroleum spirit mixtures at a factory.

Pressure tests were carried out on two existing tanks at different premises and both were found to be satisfactory.

Following inspections of premises 3 notices were sent to occupiers regarding contraventions of licence conditions. A total of 77 licences were issued in 1969 authorising the keeping of 190,860 gallons of petrol.

Clean Air Act, 1956

The recording of atmosphere pollution at the Whitnash Pumping Station has continued throughout the year. The graph shows the monthly averages of smoke and sulphur dioxide present in the atmosphere and varies little from those produced in previous years.

The Council considered the possible introduction of a smoke Control Area at Whitnash but, owing to the uncertainty of the supply of solid smokeless fuels, decided to defer consideration of the proposal for a year.

Food Premises

297 visits were made to food premises of all kinds during the year. Contraventions of the Food Hygiene Regulations which were found and subsequently remedied were as follows:

Unsatisfactory toilet accommodation	...	2
Defective floors	... ..	3
Dirty walls	... ..	6
Dirty ceiling	... ..	4
Notices for hand washing	... ..	3
First aid box deficiencies	... ..	2
Lack of storage for outdoor clothing	...	1

The table below gives details of the various types of food premises. Regulation 16 is concerned with the provision of hand washing facilities for food handlers and Regulation 19 with the provision of sinks etc., for the washing of food or equipment.

	REGULATION 16		REGULATION 19	
<i>Type of Premises</i>	<i>Number of Premises</i>	<i>Fitted to comply</i>	<i>Number of Premises</i>	<i>Fitted to comply</i>
Bakeries	2	2	2	2
Butchers Shops	8	8	8	8
General Provisions including				
Confectioners	56	56	39	39
Cafes, Restaurants	15	15	15	15
Licenced premises	26	26	26	26
Factory Canteens	2	2	2	2
Clubs	10	10	10	10
Fish Frying	2	2	2	2
Others	7	7	4	4

Offices, Shops and Railway Premises Act, 1963.

There has been little change in the number of registered premises during the year—105 compared with 108 for 1968. 153 visits have been made. Approximately one quarter of the premises are offices. 15 notices have been served regarding contraventions of the Act and Regulations.

Three accidents were notified and all of these concerned the use of fork lift trucks. In each case the accidents were investigated and subsequently reported to the Department of Employment and Productivity. Details relating to the number of premises, inspections and employees are given in the following tables:—

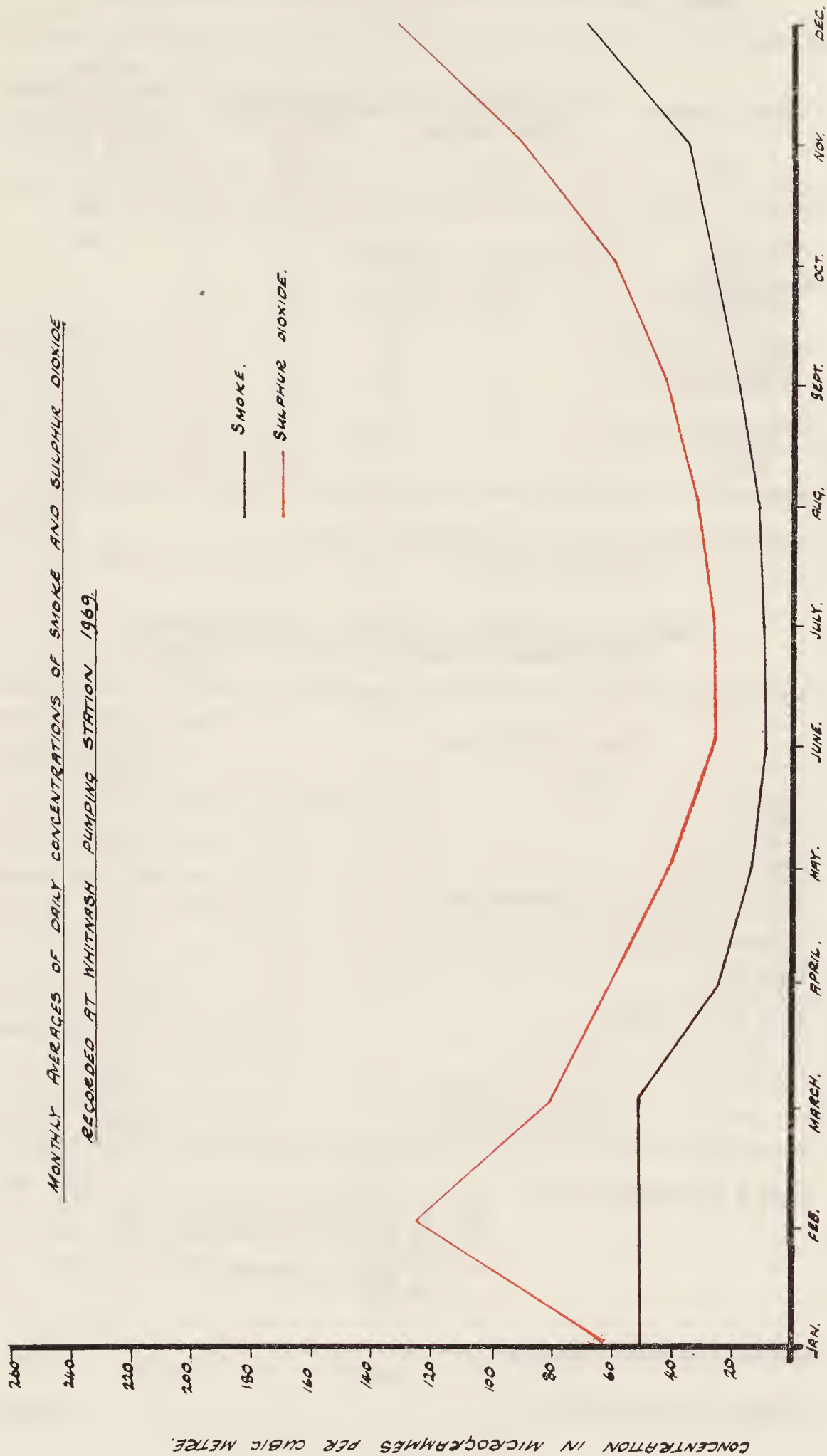


TABLE A—REGISTRATION AND GENERAL INSPECTIONS

Class of premises (1)	Number of premises registered during the year (2)	Total number of registered premises at the end of year (3)	Number of registered premises receiving a general inspection during the year (4)
Offices	1	27	25
Retail Shops	—	45	39
Wholesale Shops, Warehouses	1	2	1
Catering establish- ments open to the public, canteens	1	31	27
Fuel storage depots	—	—	—
TOTALS	3	105	92

TABLE B—Number of visits of all kinds by Inspectors
to registered premises 153

TABLE C—ANALYSIS OF PERSONS EMPLOYED IN
REGISTERED PREMISES AT END OF YEAR.

Class of Workplace (1)	Number of persons employed (2)
Offices	265
Retail Shops	117
Wholesale Departments, Warehouses	18
Catering Establishments, open to public	346
Canteens	23
Fuel Storage Depots	0
TOTAL	769
TOTAL MALES	370
TOTAL FEMALES	399

TABLE D—EXEMPTIONS

Part I Space (Sec. 5 (2))	} Nil.
Part II Temperature (Sec. 6)	
Part III Sanitary Conveniences..... (Sec. 9)	
Part IV Washing Facilities	
(Sec. 10)	

TABLE E—PROSECUTIONS Nil.

TABLE F—INSPECTORS TWO.

TABLE I.

WARWICK RURAL DISTRICT

SUMMARY OF WORK DONE IN THE HEALTH
INSPECTOR'S DEPARTMENT DURING THE YEAR, 1969.

		Inspections and observations made	Notices served		Notices complied with
			Statu- tory	In- formal	
Improvement Grants	...	85	—	—	—
Butchers' shops and slaughterhouses	...	50	—	1	—
Public houses, clubs, restaurants, etc.	...	121	—	10	1
Food premises (other than above)	... ..	176	—	2	—
Factories	... ..	41	—	2	1
Building sites	... ..	3	—	—	—
Nigh Soil Collection Survey		66	—	—	—
Houses	... ..	353	1	6	5
Caravans	... ..	50	—	—	—
Swimming Baths	... ..	15	—	—	—
Rivers, streams and ditches	... ..	36	—	—	—
Drainage	... ..	376	2	4	4
Accumulations	... ..	46	—	—	—
Rodent Control	... ..	44	—	—	—
Vermin (other than rodents)	... ..	32	—	—	—
Animals (keeping of)	... ..	6	—	—	—
Noise nuisances	... ..	26	—	—	—
Smoke & Dust nuisances	... ..	16	—	—	—
Smell nuisances	... ..	61	—	—	—
Clean Air Act	... ..	76	—	—	—
Petroleum Acts	... ..	87	—	4	1
Agricultural Acts	... ..	7	—	—	—
Animal Boarding Es- tablishments Act	... ..	11	—	—	—
Water supplies	... ..	60	—	—	—
National Assistance Act	... ..	5	—	—	—
Infectious diseases, etc.	... ..	96	—	1	1
Miscellaneous	... ..	141	—	—	—
Refuse Collection	... ..	13	—	—	—
Offices, Shops & Railways Premises Act	... ..	153	—	15	5
Water samples taken	... ..	20	—	—	—
Tips	... ..	5	—	—	—
Photo Sessions	... ..	87	—	—	—
Totals	...	2364	3	45	18

APPENDIX (A)

**WARWICK RURAL DISTRICT COUNCIL.
SEWERAGE AND SEWAGE DISPOSAL.**

(1) PARISH	(2) Public Sewer available	(3) Nightsoil pails emptied weekly		(4) No. of septic tanks and cesspool emptying visits during year		(5) Properties connected to sewers in 1969				
		1969	1968	1969	1968	By Discretionary Grant	By Standard Grant	Privately to exist- ing free connec- tion to curtilage	From Private development to existing sewers	From R.D.C. development to existing sewers
Ashow	No	12	13	15	17	—	—	—	—	
Baddesley Clinton	1967	1	1	5	3	—	—	1	2	
Baginton	1953	4	6	—	—	—	—	—	—	
Barford	1952	—	—	21	15	1	—	—	3	
Beausale	1946*	No	Service	25	29	—	—	—	—	
Blackdown	No	No	service	24	28	—	—	—	—	
Bishops Tachbrook	1949	No	service	13	17	—	—	—	3	10
Bubbenhall	1965/6	—	—	8	10	—	—	1	—	
Budbrooke	No	30	30	60	43	—	—	—	—	
Bushwood	No	No	service	1	1	—	—	—	—	
Cubbington	1952	—	—	7	1	—	—	—	5	18
Eathorpe	No	20	20	6	2	—	—	—	—	
Guys Cliffe	No	No	service	—	—	—	—	—	—	
Haseley	...	2	2	56	77	—	—	—	4	
Hatton	1960	—	—	18	27	—	—	—	—	
Honiley	No	No	service	32	39	—	—	—	—	
Hunningham	No	24	24	26	24	—	—	—	—	
Lapworth	1963/4	26	32	211	213	1	—	—	12	
Leek Wootton	1958/9	—	—	13	14	—	—	—	1	
Norton Lindsey	No	12	10	123	118	—	—	—	—	
Offchurch	No	22	22	29	24	—	—	—	—	
Old Milverton	1965	No	service	3	4	1	—	—	—	
Radford Semele	1954/5	—	—	8	10	—	—	—	58	
Rowington	1963/4	4	5	100	85	—	—	—	1	
Sherbourne	1952	—	—	3	2	—	—	—	—	
Shrewley	1960/1	12	9	26	20	—	—	—	—	
Stoneleigh	1953	7	7	43	38	1	—	—	1	
Wappenbury	No	3	3	—	—	—	—	—	—	
Wasperton	Village drain pre-1900	—	—	13	21	—	—	—	—	
Weston-under-Wetherley	**	3	4	28	17	—	—	—	—	
Whitnash	1957	—	—	16	22	—	—	—	64	
Wroxall	No	7	7	2	1	—	—	—	—	
Other Districts	—	—	54	3	—	—	—	—	—	
Total		189	249	938	922	4	0	2	154	28

Notes: (1) Units listed in column (3) and (4) could not necessarily be connected to existing public sewers.

(2) *Denotes R.D.C. Housing Disposal Works only.

(3) **All R.D.C. properties in Weston-under-Wetherley are privately sewered to the private Hospital S.D. Works.

(4) Column 5 for Stoneleigh does not include permanent buildings at the R.A.S.E. Showground connected to sewers.

TABLE II.

WARWICK RURAL DISTRICT.

VITAL STATISTICS OF WHOLE DISTRICT DURING 1969
AND PREVIOUS YEARS.

YEAR.	Population estimated to Middle of each Year.	BIRTHS.		NETT DEATHS BELONGING TO THE DISTRICT.			
		Nett.		Under 1 Year of age.		At all Ages.	
		Number.	Crude Rate.	Number.	Rate per 1,000 Nett Births.	Number.	Rate.
1	2	3	4	5	6	7	8
1960	25,580	414	16.2	7	16.9	289	11.3
1961	26,310	497	19.0	9	18.2	264	10.0
1962	27,540	510	18.5	7	13.7	321	11.3
1963	28,310	566	20.0	6	10.6	265	9.4
1964	28,880	502	17.5	12	23.8	296	10.3
1965	25,760	473	18.4	7	14.8	278	10.8
1966	25,010	429	16.3	7	16.3	301	12.0
1967	25,480	426	16.7	10	23.0	324	12.7
1968	26,290	467	17.8	5	11.0	316	12.0
1969	27,300	420	15.3	5	12.0	308	11.3

VITAL STATISTICS IN ENGLAND AND WALES, 1969.

ENGLAND AND WALES.

Birthrate, Deathrate, and Infantile Mortality during the Year 1969.
(Provisional Figures).

Annual Rate per 1,000 Population.

			Live Births.	Still Births per 1,000 Births.	Deaths.	Deaths under one year to 1,000 Births
England and Wales	...	...	16.3	13.0	11.9	18.0

TABLE III.

WARWICK RURAL DISTRICT.

CASES OF INFECTIOUS DISEASE NOTIFIED DURING
THE YEAR 1969.

NOTIFIABLE DISEASE.	Number of Cases notified.								Total cases removed to Hospital.
	At all Ages.	At Ages—Years.							
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.	65 and upwards.	
Small-pox ... ..	.....	.....	.....	.....	.....	.....	.....	.....	.....
Leptospirosis ... ..	.....	.....	.....	.....	.....	.....	.....	.....	.....
Diphtheria (including Mem- branous Croup) ... ..	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yellow Fever ... ..	.....	.....	.....	.....	.....	.....	.....	.....	.....
Scarlet Fever	5	.....	4	1	.....	.....	.....	.....	.....
Paratyphoid Fever ... ..	.....	.....	.....	.....	.....	.....	.....	.....	.....
Typhoid Fever ... ..	.....	.....	.....	.....	.....	.....	.....	.....	.....
Anthrax ... ..	.....	.....	.....	.....	.....	.....	.....	.....	.....
Accute Encephalitis ... ..	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dysentery	6	.....	3	.....	1	.....	.....	1	.....
Accute Meningitis ... ..	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tetanus ... ..	.....	.....	.....	.....	.....	.....	.....	.....	.....
Acute Poliomyelitis (including Polioencephalitis) ... ..	.....	.....	.....	.....	.....	.....	.....	.....	.....
Whooping Cough	3	1	2	.....	.....	.....	.....	.....	.....
Infective Jaundice	4	.....	.....	.....	2	2	.....	.....	.....
Ophthalmia Neonatorum ... ..	.....	.....	.....	.....	.....	.....	.....	.....	.....
Measles	83	5	41	36	1	.....	.....	.....	.....
Pulmonary Tuberculosis	4	.....	.....	.....	1	.....	3	.....	.....
Other forms of Tuberculosis	2	.....	.....	.....	.....	.....	1	1	.....
Food Poisoning ... ..	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals	107	6	50	38	5	2	4	2	—

TABLE IV.
WARWICK RURAL DISTRICT.
CAUSES OF DEATH DURING THE YEAR 1969.

LIST B (CAUSES OF DEATH)					MALES	FEMALES
5	Tuberculosis (Other)...	...	...	...	1	—
19(1)	Cancer (Buccal)	...	...	...	1	—
19(2)	Cancer (Oesophagus)	...	...	...	3	3
19(3)	Cancer (Stomach)	...	...	...	3	—
19(4)	Cancer (Intestine)	...	...	...	1	2
19(5)	Cancer (Larynx)	...	...	...	2	—
19(6)	Cancer—Lung and Bronchus)	...	...	...	12	3
19(7)	Cancer—(Breast)	...	...	...	—	5
19(8)	Cancer—(Uterus)	...	...	...	—	1
19(9)	Cancer—(Prostate)	...	...	...	2	—
19(11)	Cancer—(Other)	...	...	...	3	11
20	Benign Neoplasms, etc.	...	...	...	1	1
21	Diabetes Mellitis	...	...	...	1	—
23	Anaemia	...	...	...	1	—
27	Hypertensive disease	...	...	...	3	4
28	Ischaemic heart disease	...	...	...	35	32
29	Other heart disease	...	...	...	5	6
30	Cerebro-vascular disease	...	...	...	18	20
31	Influenza	...	...	...	2	1
32	Pneumonia	...	...	...	16	28
33 (1)	Bronchitis/Emphysema	...	...	...	10	3
37	Cirrhosis (Liver)	...	...	...	—	1
38	Nephritis etc.	...	...	...	2	1
39	Hyperplasia of prostate	...	...	...	1	—
42	Congenital abnormality	...	...	...	1	2
43	Birth Injury	...	...	...	1	1
44	Other Perinatal	...	...	...	1	—
45	Ill defined	...	...	...	—	3
46(3)	Other causes (Mental)	...	...	...	1	1
46(4)	Other (Central nervous system)	...	...	...	2	4
46(5)	Other (Circulatory)	...	...	...	6	9
46(6)	Other (Respiratory)	...	...	...	1	2
46(7)	Other (digestive)	...	...	...		2
BE47	Motor Vehicle accidents	...	...	...	3	3
BE48	All other accidents	...	...	...	8	6
BE49	Suicide, etc.	...	...	...	1	1
BE50	All other external causes	...	...	...	—	2
46(8)	Other (genito-urinary)	...	...	...	1	—
All Causes ...					150	158

